

DRAFT Intercontinental Terminals Company (ITC) Fire

AIR MONITORING:

EPA conducted handheld air monitoring on April 5, 2019, from 00:00 to 23:59 at 57 locations. Results were reported above the detection limit at one location for total volatile organic compounds (VOCs) and benzene. Benzene was detected above the Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Value (AMCV) (0.18 ppm). EPA will continue to conduct additional air monitoring.

ASPECT:

The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft did not fly during this reporting period due to low ceiling (cloud cover).

SURFACE WATER SAMPLES:

EPA conducted surface water sampling on April 5, 2019 at 10 sample locations. The surface water samples were collected along Buffalo Bayou and the San Jacinto River, and will be analyzed for PFAS, VOCs, SVOCs, COD, and Oil & Grease.

TAGA:

EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on April 5, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs for benzene, toluene or xylene. These results have been shared with unified command and local officials.